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SOURCE

Sistemy dal'ney telefonnoy soyazi, Academy of Sciences USSR, 1948.

ABSTRACT OF "LONG-DISTANCE TELEPHONE
COMMUNICATIONS SYSTEMS" BY G. V. DOBROVOL'SKIY

[This book is in the Smithsonian Institution.]

This book contains a number of good photographs of Soviet communications equipment, as well as numerous schematic and block diagrams.

Pointing out the general lack of information on this subject in engineering circles, excluding that possessed by those specialists who devote their full time to communications problems, the author attempts to clarify the present state of long-distance communications techniques without going into unnecessary technical details.

The book takes up problems peculiar to long-distance communications. It describes the basic operating principles of the various elements comprising a complete system, types of overhead and cable lines used under various conditions, and the characteristics of standard equipment used in each case.

An account is also given of the factors involved in providing inter-city communications (how subscriber connections are made, etc.) and the prospects for further development of long-distance telephone-telegraph communications.

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